

The Groundplane

DINNER LOCATION — CHILI GARDEN RESTAURANT 6 PM

AUGUST 2006 VOLUME 7 ISSUE 8

HAYWARD ZUCCHINI FESTIVAL

The call is going out for SBARA members to once again volunteer at the Hayward Zucchini Festival on **August 19th and 20th**. For every shift you work, your name will be put into a drawing for a Yaesu FT-2800 2 meter mobile. Also, every shift you work **earns SBARA money** to help continue with all our programs.

How does SBARA raise the funds to pay the rent at the Veterans Building and sponsor all the year's activities? The answer is by our membership participating in fundraising events, like the Hayward Zucchini Festival. In 2005 we received \$1,300 for our support at the 2004 festival.

The Zucchini Festival has the potential to be SBARA's major fundraiser if we can recruit enough participants to fill all the shifts on both days of the festival. We started early in an attempt to fill every shift and have almost half the shifts filled as of the July SBARA meeting. Since we still have halfway to go to reach the goal of filling all the shifts,

the leadership team is asking those of you who haven't yet to consider signing up for a shift on August 19th or 20th. We are planning to contact every member in August to request his or her support in this important fundraiser.

Please consider saying yes when you're called by the SBARA telephone tree volunteer. You do not need to bring anything since the Festival provides the Business Band Transceivers.

(cont'd. on page 2)



Raffle News

The August raffle, back by popular demand, The ARRL HANDBOOK makes another appearance on the winner's stand. If you don't need or want another HANDBOOK you can choose the alternate prize a G5RV antenna from Radio-Wavz. The second winner takes home the ARRL RFI BOOK and all the information necessary to ensure good will with his neighbors. **(cont'd. on page 6)**



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SBARA Dinner

Chili Garden

3241 Walnut Ave-

Articles of Importance

**Celebrate Fremont
Fire Department CERT**

Happenings — By Steve Wilson — KA6S

<i>Date</i>	<i>Time</i>	<i>Description</i>
August 4, 2006	7:30 PM	SBARA Board Meeting
August 5, 2006	5:00 PM	Transmitter Hunt
August 6, 2006	7:00 AM	Livermore Swap meet
August 11, 2006	7:30 PM	SBARA General Meeting
August 13, 2006	5:00 AM	Foothill Flea Market
August 14, 2006	7:00 PM	Sunnyvale VEC Exam - Fremont
August 19, 2006	6:00 PM	Transmitter Hunt (Foxes choice)
August 20 - 21, 2006	Multi-Day Event	Zucchini Festival
September 1, 2006	7:30 PM	SBARA Board Meeting
September 2, 2006	5:00 pm	Transmitter Hunt
September 3, 2006	7:00 AM	Livermore Swap meet
September 8, 2006	7:30 PM	SBARA General Meeting
September 9, 2006	5:00 AM	Foothill Flea Market
September 9—10, 2006	Multi-Day Event	Celebrate Fremont 50
September 11, 2006	7:00 PM	Sunnyvale VEC Exam – Fremont
September 15 -18, 2006	Multi-Day Event	Harvest Hamvention
September 16, 2006	6:00 PM	Transmitter Hunt (Foxes choice)
October 13 —15, 2006	Multi-Day Event	Pacificon 2006—Order Tickets Now

Folks – I haven't received a new item in months? I get most of the content for this column from Tony's Calendar list on the Website. Any items you want to see here – drop me a line at steve@ka6s.com. I'll pass anything new on to Tony.

Zucchini Festival (from page 1) It's fun for the family too. If you are interested in bringing the entire family, Mike Fung WA6AWI will provide a family pass for any SBARA member who signs up for a shift. If you haven't participated in the

past give it a try this year. The festival is close by in Hayward and takes only a few hours of your time. The benefit is enormous for SBARA.

Go to www.sbara.org and click on the flashing 'Hayward Zucchini Festival'

in the menu bar for map to Kennedy Park. For signing up or if you have any questions, contact Al Rendon at (510) 656-2427 or by e-mail at wt6k@arrl.net.

SBARA Invited to Celebrate Fremont — By Bill Artelt, WB9YVM

SBARA has been invited and has accepted an invitation to participate at the Celebrate Fremont 50th celebration and activities September 9th and 10th at Central Park in Fremont.

As you can imagine, we are excited about the City's and Celebrate Fremont's invitation and have agreed to accept and look forward with anticipation to the event — as Ed Sullivan would say ***"This is Going to Be a Really Big Show!"*** Fremont plans on an attendance of around 150,000 people from all over the Bay Area.

SBARA applied and was issued a Special Event call-sign — we will be using **W5O**. The significance is that 5O will stand for the 50th anniversary of Fremont's incorporation as a city.

Within the body of our FCC Rules and Regulations, Part 97 states...The amateur and amateur-satellite services are for qualified persons of any age who are interested in radio technique solely with a personal aim and without pecuniary interest. These services present an opportunity for self-training, intercommunication, and technical investigations. So not only is SBARA and ARES putting on this "show," we as licensed hams are showing what type of communications we offer in times of crisis and emergencies which we all know and have experienced throughout the years around America and the Worlds Nations.

SBARA will be in one of the sections called Tomorrow. This is the area where the future direction of the City will be planned and decided over the coming months and years — so I am really looking forward to our licensed Youth and Children within our membership to help man the stations.

So here's what we are planning:

SBARA and ARES are planning a "joint" effort which will include a working HF and VHF station. As to the band of operation for HF that is

still to be decided but as you know, we have a good supply of Field Day antennas including the new 40 meter vertical dipoles used this past June. This weekend, September 9th and 10th is the National ARRL VHF contest so at minimum we are planning an all mode 2 meter station. ARES has plans on including a 2 Meter Packet station for ARES/CERT communications. If you remember the logging software from Field Day — we will be using that too.

We will be creating a unique QSL or Certificate for this event — similar to other sought after certificates. Are there members of SBARA that would like to be involved with the design? Please let Bill — WB9YVM know immediately email me at hamradio@comcast.net.

To make this a success and to really put on a good show I am looking for of operators for HF and VHF. Not only are we going to work a bunch of contacts but we need some members to visit with people to our tent area. With all the press attending here's your chance to get on TV or in the Newspaper! SBARA is entrusted with KU6S so any level of licensee will be able to operate.

As you can read, I am really excited about the great time we are going to have and the satisfaction we'll all receive from operating at large event such as Celebrate Fremont 50th. Oh here is the URL for the Celebration - <http://www.celebratefremont.org/> please check it out!

SBARA Committee Members —Steve Wilson, Brad Douglas, Al Rendon, Jeff Kroger, and Bill Artelt

We look forward to YOU helping out with this BIG event.



Fremont Fire Department Training — Mary Biggs, KF6GAJ

Fremont Fire Dept.'s Disaster Preparedness Training Program, 2006 Schedule

Register by calling 510-494-4244, FirePubEd@ci.fremont.ca.us, or go to www.FremontCERT.org

Personal Emergency Preparedness (PEP) Training (one class):

A one-time 2.5 hour class about earthquake and disaster awareness, preparing your home and family, storing supplies, shutting off: gas, electric, & water shut-off, identifying hazardous materials, fire extinguisher types, smoke detector placement, sheltering in-place. This is a very informative condensed class, where as CERT is actual hands-on training.

Class Time: 7:00 PM – 9:30 PM

Class location = 3300 Capitol Avenue, Fremont City Hall, Southeast corner of Bldg. A

Class Dates, everyone can attend any one of these classes that suits their schedule:

Wednesday, September 27, 2006

Tuesday, November 7, 2006

If your group would like to schedule your own personal group PEP class at your location,

Contact: **Chuck Guaraglia**, PEP/ Public Education, Fremont Fire Dept., 510-792-3473, guaragliac@aol.com

Community Emergency Response Team (CERT) Training (5 classes, 7:00 – 10:00 PM)

For individuals interested in becoming part of a neighborhood team. CERT training consists of in depth hands on training, including actual fire fighting with an extinguisher, search & rescue, lifting injured people correctly, triage large number of

wounded, building damage assessment, teamwork and responding to fire department's call for help.

Wednesday Nights for Mission and Warm Springs Neighborhoods

October 11, 2006 = Class 1 @ 3300

Capitol Avenue (Fremont City Hall), Southeast Corner of Building A, CERT Training Room = Orientation, CERT ID Badges, Earthquake Preparedness Lecture

October 18, 2006 = On-line CERT class at home, FEMA CERT Independent Study Course, 20 Chapters plus Final Exam:

<http://www.learningservices.us/FEMA/LMS> take IS 317 CERT

October 25, 2006 = Class 2 @ 3300

Capitol Avenue = Exterior Operations, Hazardous Materials Lecture, Utility Control, Exterior Building Damage Assessment, Exterior Search & Rescue, Cribbing (lifting heavy objects using surrounding materials), Fire Suppression

November 1, 2006 = Class 3 @ 3300

Capitol Avenue = Interior Operations, Interior Building Damage Assessment, Interior Search & Rescue, Triage, Victim Movement, Terrorism / Weapons of Mass Destruction Lecture

November 8, 2006 = Class 4 @ 3300

Capitol Avenue = Base of Operation, "Putting it all together", Disaster Psychology, Radio Communications, Incident Command System

November 15, 2006 = Class 5 @ Fire Station 4 for Mission and Fire Station 5 for Warm Springs Disaster Scenario in the neighborhood Field exercise, putting the skills to use, setting up Base of Operations at the Fire Stations.

Treasurer Note, August 2006 — Bernhard, DL4MHK/W6

Dear SBARA Members:

The field day is over, and it got quiet in my treasure box. Not much happening, it's summer break.

We are in a good shape. The field day brought us some additional cash we will spend on future projects. But still...

There are still several hundred dollars missing in our treasure, on which I had really counted. Yes, membership fees. Still



some 15 people haven't paid yet. The year is more than half complete, and we are going to send out next year's fee reminders soon (the 2006 reminder was sent in October 2005).

Please, if you haven't paid: spend that three minutes to fill out a check and to send it to our address (SBARA, P.O.Box 8377, Fremont, CA 94537-8377). No form required.

Membership fee is \$20 per member, or \$25 for families, or \$10 for seniors. Thanks!

SBARA has formed a telegraphy practice round! It was started by Al WT6K and Adam KG6HDR. Bernhard W6/DL4MHK joined quickly in, after the field day was so much fun he wanted to improve his CW skills. We are now a good number of interested people, so that we should always be able to start some rag chewing – the best method to brush up your telegraphy skills! We meet

Tuesday and Thursday on 10 meters, 28.400 MHz, at 8:30 p.m. to 9:00 – 9:30 p.m.

We encourage slow speed for the newcomers. Accuracy is what is important at first. Join in when you get some practice with a key or paddle and feel comfortable sending about five words per minute. Do not try to send fast, it is not necessary. If Al, Adam and Bernhard are the only ones to show up, the speed is around 10-15 wpm. Don't let that scare you away. When you are ready, send the letters BK DE <your callsign> (meaning „break from ...“) and we should acknowledge you.

A few codes you should know:

- **GA** go ahead, take a turn sending.

- **GE** good evening,
- **GN** good night,
- **U** you or
- **UR** your,
- **PSE** please,
- **FB** fine business,
- **RST** signal report (R = readability, S = signal strength, T = Tone),
- **DE** from,
- **ES** and also.

A couple 'Q' signals that you might find handy are:

- **QRS** send slower,
- **QRQ** send faster,
- **QTH** my location.

We will notify you on the reflectors sbara@mailman.qth.net and sbarahams@yahoogroups.com in case we can't make it. Call in anyways, there might be still somebody willing to practice with you.

Looking forward to working you on CW!

73
Bernhard W6/DL4MHK

August Meeting Raffle — By Gene Arrillaga, KF6ZYD

Generations of radio amateurs and experimenters have come to rely on The ARRL Handbook as THE standard in applied electronics, communications. The 2006 Handbook includes many practical projects (even weekend-builds!) for receivers and transmitters, transceivers, power supplies, RF amplifiers, station accessories, and antennas.

THE G5RV ANTENNA, with its special feeder arrangement, is a multiband centered antenna capable of very efficient operation on all hf bands from 3.5 to 28mhz, specifically designed with dimensions which allow it to be installed in gardens which accommodate a reasonably-straight run of about 102ft (31.1m) for the "flat-top". However, because the most useful radiation from a horizontal or inverted-V resonant antenna takes place from the center two-thirds of its total length, up to one-sixth of this total length at each end of the antenna may be dropped vertically,

semi-vertically, or bent at some convenient angle to the main body of the antenna without significant loss of effective radiation efficiency. The G5RV is made with of high quality UV insulated copper clad steel wire on the top and a heavy duty 300 ohm ladder line.

The ARRL RFI Book-- Practical Cures for Radio Frequency Interference, a team of RFI experts have compiled the best advice available on every type of interference: automotive, television, computers, lamps, VCRs, stereos, intermod, telephones, and interference due to power-lines. If it's a device that can be affected by interference, including your station receiver, you'll find practical cures in this book.

Tickets for the August raffle are available for a \$5 buy in for 5 tickets and additional tickets for \$1 each. SBARA would like to thank [HRO](#) for their generous help in obtaining these raffle prizes.

Zucchini Festival Workers Raffle — By Gene Arrillaga, KF6ZYD

The special Zucchini festival raffle is open to SBARA members only. The prize is a YAESU - FT-2800M Fm Transceiver featuring: Four selectable power output levels 65/25/10/5 Watts. CTCSS and DCS Encode/Decode Built In. Extensive Memory System. Alpha-Numeric Channel Display. WIRES Internet Linking Access Feature. WX Channels with "Severe Weather" Alert.

The backlit MH-48A6J microphone allows direct keypad frequency entry, or keypad memory channel recall. Four user programmable "soft" keys on the microphone may be programmed for easy control of a number of different features, and the [A]/[B]/[C]/[D] keys replicate the functions of the keys on the front panel of the transceiver, for maximum convenience while driving with

all due caution. SBARA would like to thank the Ted Cameron estate for making this prize possible.

Raffle tickets for this raffle are awarded at the rate of one ticket for each shift served at the Zucchini festival.

What is W5O??
See Page 4

ANAHEIM, CA

(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA

2416 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA

2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA

5375 Kearny Villa Rd., 92123
(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA

510 Lawrence Exp. #102, 94085
(408) 736-9496
(800) 854-6046
Rick N6DQ, Co-Mgr.
Howard, W6HOC, Co-Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE

(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

PORTLAND, OR

11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

DENVER, CO

8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
Joe, KD0GA, Co-Mgr.
John, N5EHP, Co-Mgr.
denver@hamradio.com

PHOENIX, AZ

1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA

6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBRIIDGE, VA

(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
(800) 444-4799
Steve, N4SR, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH

(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93;
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- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!**ALINCO****DJ-196T** 2M/HT

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- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!**DR-135TP** 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

Handy Web Links

SBARA Web Site	http://www.sbara.org
ARRL Main Site	http://www.arrl.org/
ARRL SCV Division	http://www.arrl.org/sections/SCV.html
ARRL East Bay Section	http://www.pdarrrl.org/ebsec/index.html
ARRL Contest Page	http://www.arrl.org/contests
Contest Calendar	http://www.hornucopia.com/contestcal
Callsign Lookup (QRZ)	http://www.qrz.com/
Vanity Callsign Info	http://www.vanityhq.com/
IRLP Main Page	http://www.irlp.net/
AMSAT	http://www.amsat.org/
FCC Services	http://wireless.fcc.gov/services/amateur

SBARA on the Internet

<http://www.sbara.org>

On the Air at 147.015 + PL 103.5

Fremont Repeaters & Net Information

WA6PWW - 147.015 +600Khz, PL 103.5
 WA6PWW - 223.900 -500Khz, PL 107.2
 WA6PWW - 442.600 +5Mhz, PL 107.2
 N6OXR - 146.940 -600Khz, PL 123.0
 N6OXR - 441.525 +5Mhz, PL 123.0

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South Bay Amateur Radio Association

Founded 1974

Mailing Address

Box 8377

Fremont, Ca. 94537-8377

Web Site — www.sbara.org

President

Andy Romeril, KG6MDS
aromeril@comcast.net

Vice President

Steve Wilson, KA6S
steveuw@ka6s.com

Secretary

Don Gintel, KG6SBE
dgintel@aol.com

Treasurer

Bernhard Hailer, DL4MHK
bernhard@hailer.name

Past President

Al Rendon, WT6K
wt6k@arrl.net

License Trustee

Mike Studer, K6EEP
k6eep@hamsoftware.org

Technical Advisors

Mike Studer, K6EEP
k6eep@hamsoftware.org

Newsletter Editor

Bill Artelt, WB9YVM
hamradio@comcast.net

Webmaster

Tony Flusche, AB6BR
ab6br@arrl.net

Membership & Circulation

Syd Furman, W6QWK
sydneyfurman@yahoo.com

Photographer

Gary McCulley, KD6TKV
garymc@pctel.com

Quartermaster

Jim Wood, KE6IVA
jimke6iva@comcast.net

Raffle Chairman

Gene Arrillaga, KF6ZVD
arrillaga@sbcglobal.net

Board Members at Large

Lloyd Hartshome, N6DOK
 Sam Severs, WS6S
 Douglas Wilson, KG6RHG



ANNOUNCEMENTS

SBARA monthly meeting:

August 11th.

Veterans Hall in Niles



*Support Your Club Sign-Up for a Shift at this years
Zucchini Festival!!!*

The Ground Plane — KU6S

<http://www.sbara.org>

South Bay Amateur Radio Association — SBARA

P.O. Box 8377

Fremont, Ca. 94537-8377